INSTALLATION AND OWNER'S MANUAL

Stainless Steel Engine Guard Z7101 for use on R1200 RT, R, ST and GS

Please read these instructions carefully and thoroughly before beginning work.
Before installing accessory, carefully consider whether one possesses the necessary technical skills and workshop tools to complete the installation properly. Otherwise, any Motorcycle Retailer will be glad to install this accessory.

Dealers, if installing the Engine Guard for a customer, please give him or her this manual. It contains the instructional and reference material needed to properly maintain and use this product.

At time of purchase report any missing parts directly to ZTechnik. The following information is necessary: BAG NUMBER on outside of plastic fastener bag and DATE STAMP located on the end panel of the outer box. **Thank you.**

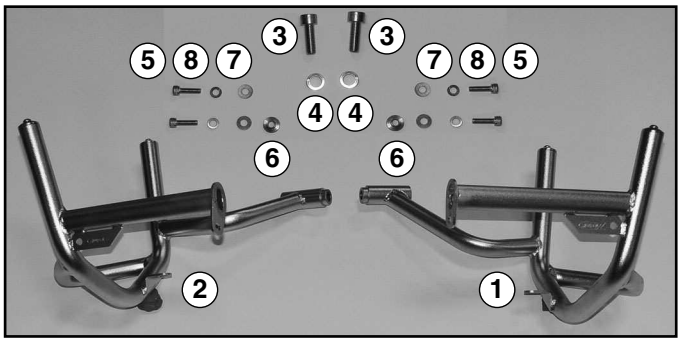
The following symbols are used in these instructions:

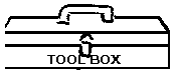
Special notes and cautionary measures.

Tips for facilitation of operation, control and adjustment, as well as maintenance work.

PARTS LIST

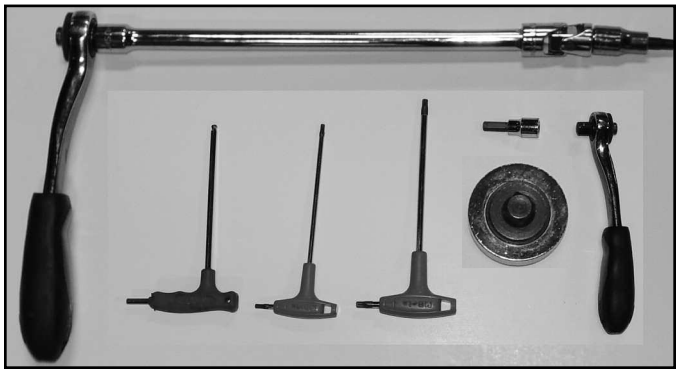
Index	Part Number	Description	Qty.
1	90-9070520-000	Engine Guard, Left	1
2	90-9070521-000	Engine Guard, Right	1
Parts Bag #864			
3	51-515830-000	Screw, CS, HS, M10-1.5 x 30	2
4	49-491010-000	Washer, Split M10	2
5	51-515322-000	Screw, M6-1.0 x 20	4
6	34-345540-000	Bushing	2
7	49-490526-000	Washer, Flat	4
8	49-491112-000	Washer, Split M6	4





Tools for R12RT installation:
T25 Torx
5mm Hex Wrench
Ratchet Wrench
5mm and 8mm Hex Bit Socket
Speed Ratchet (Optional)
10" Extension
Universal Joint

Tools for R12R, GS, ST installation:
5mm Hex Key Wrench
8mm Hex Key Wrench



PREPARATION: ALL MODELS

1. Position the motorcycle securely on its center (main) stand.

Right and Left side of motorcycle is determined while sitting on the bike.

INSTALLATION: R1200RT RIGHT SIDE

1. Loosen the lower body panel on the **right side** of motorcycle. **(T25 Torx Wrench) Figure 1.**

Figure1

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2. Loosely install engine guard at upper mount hole using one each:

M6 Screw, M6 Split Washer and Flat Washer
(5mm Hex Key Wrench) Figure 2 and 3.

3. Loosely install engine guard at center mount hole using one each:

M6 Screw, M6 Split Washer, Flat washer and Bushing
(5mm Hex Key Wrench) Figure 4

Note position of Bushing. (Figure 4 inset) Flat side of bushing is against motorcycle mount point.

Figure 2

Figure 3

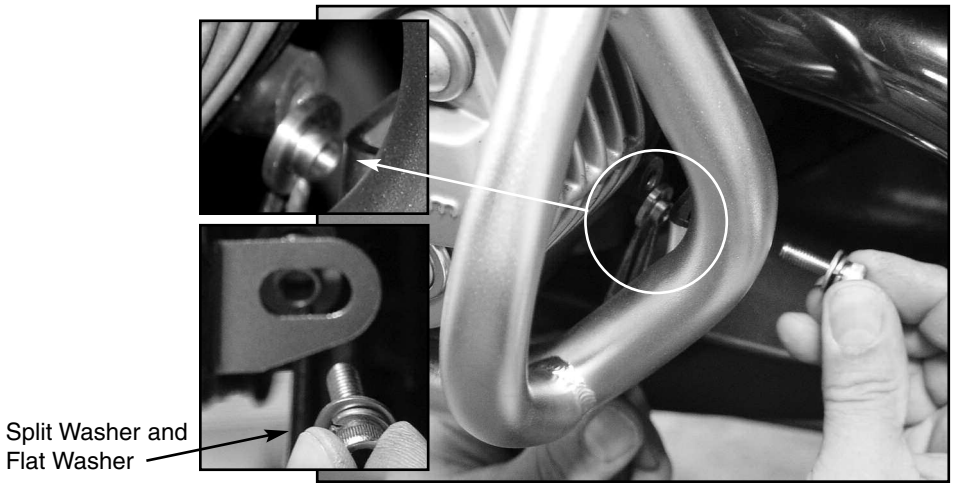

Figure 4

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4. Loosely install engine guard at lower mount hole using one each:

M10 Screw, M10 Split Washer
(Speed Wrench with 8mm Hex Key Socket) Figure 5

5. Tighten all hardware securely starting with the lower fasteners, then the center fasteners, and finally the top fasteners.

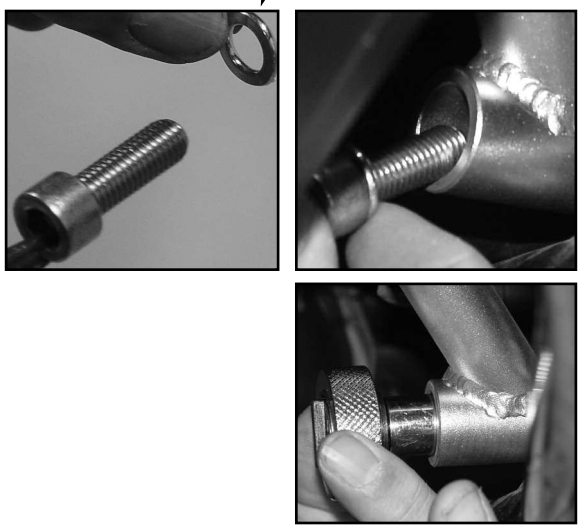
INSTALLATION: R1200RT LEFT SIDE

1. Follow installation procedure for Right Side except Step One on **Left Side** requires an extra long extension socket to secure the M6 Screw assembly. **(10" Extension with 5mm Hex Key Socket and Universal Joint) Figure 6 and 7.**

2. Tighten all hardware securely starting with the lower fasteners, then the center fasteners, and finally the top fasteners.

Figure 5

Figure 6



Speed Ratchet

Figure 7

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INSTALLATION: R1200R, ST AND GS

1. Follow installation instructions for Right Side R12RT, starting with Step 2, Page 2.

2. Repeat same procedure on **Left Side** of motorcycle. **Figure 8.**

3. Tighten all hardware securely starting with the lower fasteners, then the center fasteners, and finally the top fasteners.

Figure 8

MAINTENANCE

The special finish of your new Z7101 ZTechnik Stainless Steel Engine Guards is more environmentally friendly than chrome or powder coated finishes on steel. Clean your Engine Guards with a soft brush using mild soap and water.

WARNING If the addition of an accessory(ies) adversely affects your motorcycle's stability immediately remove the accessory(ies). Do Not ride a motorcycle that exhibits unsafe handling traits. Have experienced service personnel correct any problem before riding with the accessory(ies) installed. For further questions concerning handling problems associated with an accessory(ies), contact your dealer, motorcycle manufacturer, or accessory manufacturer.

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